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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/737,455	12/14/2000	Rafael G. Cabezas	AUS9-2000-0596-US1	1934

7590

10/20/2005

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EXAMINER
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YANCHUS III, PAUL B

ART UNIT	PAPER NUMBER
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2116

DATE MAILED: 10/20/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 09/737,455	<b>Applicant(s)</b> CABEZAS ET AL.	
	<b>Examiner</b> Paul B. Yanchus	<b>Art Unit</b> 2116	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 28 July 2005.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-9 and 11-16 is/are rejected.
- 7) ☒ Claim(s) 10 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### **DETAILED ACTION**

In view of the arguments filed on 07/28/05, PROSECUTION IS HEREBY REOPENED.

New grounds of rejection set forth below.

To avoid abandonment of the application, appellant must exercise one of the following two options:

(1) file a reply under 37 CFR 1.111 (if this Office action is non-final) or a reply under 37 CFR 1.113 (if this Office action is final); or,

(2) request reinstatement of the appeal.

If reinstatement of the appeal is requested, such request must be accompanied by a supplemental appeal brief, but no new amendments, affidavits (37 CFR 1.130, 1.131 or 1.132) or other evidence are permitted. See 37 CFR 1.193(b)(2).

### ***Claim Objections***

Claim 5 is objected to because of the following informalities: The term "device" lacks antecedent basis. Appropriate correction is required.

### ***Claim Rejections - 35 USC § 102***

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-9 and 11-16 are rejected under 35 U.S.C. 102(e) as being anticipated by Camp, US Patent no. 6,011,323.

Art Unit: 2116

The applied reference has a common assignee with the instant application. Based upon the earlier effective U.S. filing date of the reference, it constitutes prior art under 35 U.S.C. 102(e). This rejection under 35 U.S.C. 102(e) might be overcome either by a showing under 37 CFR 1.132 that any invention disclosed but not claimed in the reference was derived from the inventor of this application and is thus not the invention "by another," or by an appropriate showing under 37 CFR 1.131.

Regarding claim 1, Camp discloses a method for supplying power to a bus-controlled component of a computer, comprising:

supplying power to the bus-controlled component [adapter card] from an integrated power supply via a bus connection of the computer [DC power from PCMCIA interface, column 4, lines 65-66 and column 5, lines 12-14];

determining whether the power supplied exceeds a threshold [column 7, lines 51-53]; and  
if the threshold is exceeded, supplying power to the bus-controlled component from a non-integrated power supply of the computer [auxiliary power source, column 7, lines 59-61].

Regarding claims 2 and 3, Camp discloses that power is supplied from the integrated power supply, the non-integrated power supply or both supplies [column 5, lines 12-14].

Regarding claim 4, Camp discloses that the integrated power supply supplies power to all of components except variable power components. The non-integrated power supply supplies power to variable power components [column 5, lines 22-34].

Regarding claim 5, Camp discloses that the integrated power supply is a PCMCIA slot [column 4, lines 15-25].

Art Unit: 2116

Regarding claim 6, Camp discloses that the determination may be performed by a hardware threshold mechanism [column 6, lines 4-7].

Regarding claim 7, Camp discloses a bus power system of a computer for supplying power to a bus-controlled component, comprising:

a bus slot supplying power to the bus-controlled component [PCMCIA slot, column 4, lines 15-25]; and

a bus power handling device [PWR CONTROL in Figure 2] connected directly to a power supply of the computer for supplying power directly to the bus-controlled component if a bus slot power threshold is exceeded [column 5, line 66 – column 6, line 11].

Regarding claim 8, Camp discloses that the bus power handling device is disposed between the bus slot and the bus-controlled component [Figure 2].

Regarding claim 9, Camp discloses that the bus power handling device is disposed on the bus-controlled component [Figure 2].

Regarding claim 11, Camp discloses that the determination may be performed by a hardware threshold mechanism [column 6, lines 4-7].

Regarding claim 12, Camp discloses a bus power handling device of a computer, comprising:

an input are configured to receive a bus-controlled component and an output area configured to be inserted into a bus slot that supplies power to the bus controlled component [Figure 2 and column 4, lines 52-60];

a power sensor that determines whether the bus slot has exceeded a power threshold [hardware threshold mechanism, column 6, lines 4-7]; and

Art Unit: 2116

a power supply lead coupled to an external power supply [AUXILIARY BATTERY in figure 2] that supplies power to the bus-controlled component via the bus power handling device if the power threshold is exceeded [column 5, line 66 – column 6, line 11].

Regarding claim 13, Camp discloses that the bus controlled component obtains power from the bus slot until the power threshold is exceeded at which time the power is obtained from the power supply [column 5, line 55 – column 6, line 11].

Regarding claim 14, Camp discloses that power is supplied from the integrated power supply, the non-integrated power supply or both supplies [column 5, lines 12-14].

Regarding claim 15, Camp discloses that the power threshold is a maximum power allowed by the PCMCIAA standard [column 4, lines 15-25].

Regarding claim 16, Camp discloses that the bus slot supplies power to all of components except variable power components. The auxiliary power supply supplies power to variable power components [column 5, lines 22-34].

### ***Allowable Subject Matter***

Claim 10 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

### ***Conclusion***

Art Unit: 2116

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Paul B. Yanchus whose telephone number is (571) 272-3678.

The examiner can normally be reached on Mon-Thurs 8:00-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynne H. Browne can be reached on (571) 272-3670. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Paul Yanchus  
October 17, 2005



**LYNNE H. BROWNE**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 2100**